(b) if so, what acfio$_n$ Government have taken thereon?

THE MINISTER OF STATE IN THH DEPARTMENT OF RAILV/AYS (SHRI MADHAVRAO SCINDIA); (a) Yes, Sir.

(b) Diversion has not been found justified,

Loss due to brain (fram of the graduates of UT

34S. PROF. B. RAMACHANDRA RAO: Will th$_e$ Minister of HUMAN RE SOURCE DEVELOPMEN! I | to state:

(aj wha: is the average input per student in each of the five Indian Institute of Technology in the Cou i

(b) what is the percentage of the I.I.T. graduates and post-graduates who left tbe country during 1980—85;

fc) what js the loss suffered by the countiy on each individual trained engineer who has gone abroad; and

(d) what effort^ ar$_e$ being made for re-straining our trained engineers and to reverse the brain drain?

THE MINISTER OF STATE IN THE DEPARTMENTS OF EDUCATION AND CULTURE (SHRIMATI SUSHILA ROH-ATGI): (a) The activities of the Indian Institutes of Technology cover teaching al under-graduate ind post-graduate levels, re-search supervision at the Ph.D. levels, spo-nsored re-search, developmental activities, consultancy services, maintenance of a fully residential campus and the university fun-ctions. Some of these activities contribute directly to the education and tra'ning of the student but others only indirectly. Fur-thermore it i$_s$ not possible to quantify the exact contribution of each of these activities towards preparing the student. Accordingly, it is difficult to estimate the per student input meaningfully.

(b) Th$_c$ exact figures of the IIT graduates and post-graduates going abroad are not maintained. However, according available information the number uch people [s roughly of the order of r eni "ii an average.

large number of engineers who go abroad return after varying periods of time after acquiring advanced skills and valuable experience. Since precise figures of those going onl or returning at any point are not available and it is difficult to quantify the value of the skills and ex-prience acquired abroad, it is difficult to Lmate any los$_s$ that might be involved in the prcw

Apart from arranging industrial tr-ndents during their pre-final year, the Training and Placement se ction ol each MT keeps close and constant liaison with lndian industrics/organisatons to ensure that the students get net only a job but a place where their talents could sd. Through these efforts large number of students are selected by the lndian industries/organisations, every year, through Campus interviews.

Technical Education under the New Edu-cation Policy

349. PROF. B. RAMACHANDRA RAO: Will the Minister of HUMAN RESOURCE DEVELOPMENT b$_e$ pleased to state:

(a) what are the findings of the recent State Education Ministers' conference re garding technical education;

(b) whether Government are contem-plating to set up a national statutory body to regulate technical education;

(c) whether thi$_s$ is likely to cover all the levels of technical education namely (i) graduates and post-graduates, (ii) polytechnics and (iii) diploma programmes;

(d) whether this body is likeiy to replace All lndia Council of Technical Education; and

(e) whether this new body is also pro-posed to possess statutory powers fcr accre-ditation for engineers institutions?

THE MINISTER OF STA IE iN THE DEPARTMENTS OF EDUCATION AND CULTURE (SHRIMA'li SUSHJU TAGI): (a) to (e) The State Education Ministers' Conference heW $_0$n 23-24 January, discussed matters on il) Changing of Technical Educaton (2) Planning of Technical Education (3) Intra anti inter-linkages system (4) Programmes/Courses (5) FacuAy (6) Computerisation (7) Emerging technologies (8) Standards of Technical Education (9) Consolidation, modernisation and removal of obsolescence (10) Commercialisation of Education (ll) Fund ing (12) Management of the system (13) Technical education for community and rural development (14) Vocational educati (15) Polytechnic education (16) Under-graduate engineering education (17) Posi cluate engineering education and (18) Ma-nagement education, Th$_e$ Conference I been an effort intended to to crystalise ihe issues. The findings of Ihe Conference shall have to be further processed ,.. appropriate National Bodies before any particular recommendatio$_n$ could form part of the Education Policy which ha b© finalised.

Qualification and pay .scales of library staff

350. PROF. B. RARMACHANDRA RAO: Will the Minister of HUMAN RE SOURCE DEVELOPMENT be pleased to state:

(a) what are the scales of pay $_a$nd quaB-fication required for library staff ijj ei category in the Central Government Libraries;

(b) what are the scales of pay and qua-lification for a library science Lecturer in University as per the University Giants Commission ^{an}d ^ Associatio$_n$ of Indian Universities;

(c) what are the scale of pay and qua-lification of library staff in each category in the academic libraries as per the UGC guidelines;

ui) whether there is any difference ln scales of pay and qualification of libraries; staff in the academic (under UGC) and Central Government Libraries; and

(e) if so, what are the details i$_n$ this regard?

THE MINISTER OF STATE IN THE DEPARTMENTS OF EDUCATION AND CLl TURE (SHRIMATI SUSHILA ROH-TAGI): (a) to (e) Th$_e$ information in regard to the pay-scales and qualifications prescribed for the posts of Librarians etc., in the three Libraries of the Ministry of ui Resource Development, namely National Libraiy, Calcutta. Central Reference Libraiy, Calcutta and Central Secretariat Library, New Delhi is given in the attached statement—I. Similar information as per UGC guidelines, i$_n$ respect of the posts of I ecrurers in Library Science in the universities r.nd for the posts of Librarians, etc., in the academic libraries is given in d statements II and HI, respectively. It would be seen therefrom that the pay-scales for the posts of Librarians, etc., in the Ministry's libraries are different from rs in the universities and librarians in the academic libraries. The Pay-scale in the case of former category based on the recommendations of the Third Pay Commission, whereas in the case of latter category, the Pay-scales n$_s$ per UCC guidelines.

Statment

National Reference Library, Calcutta

1. Director—Ra. 2500—3000

(i) Degree in a major dis-cipline of a recognised University cr eq-uivalent in Humanities, Social Sciences, Natural Sciences or Library Science.

(ii)Must be a distinguished * scholar with national recognition and high stand-ard of published works to his credit.

2. *Librafian*—Rs. 2000-2500

(i) At least secound class Master's degree iu major discipline description in Humanities, Social Sciences, Natural Science OT Library Science of a recog-;ed university or equivalent.

(ii) Degree or equivalent Diploma $_m$ Library Science of a recognised Univer sity or equivalent (in the case of those who do not possess a Master's degree in Library Science)